

INTERNATIONAL SEARCH REPORT

national Application No
PCT/EP2004/050469

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/059172 A1 (STEINBRUNN ROLF ET AL) 27 March 2003 (2003-03-27) figures 3-5	1-12
X	US 2002/025125 A1 (WILLIAMS RICHARD J) 28 February 2002 (2002-02-28) figure 3	1-12
A	EP 0 602 726 A (FRAMATOME CONNECTORS INT) 22 June 1994 (1994-06-22)	
A	EP 0 729 045 A (FRAMATOME CONNECTORS INT) 28 August 1996 (1996-08-28) cited in the application	
A	EP 1 118 892 A (HITACHI LTD ; SUMITOMO ELECTRIC INDUSTRIES (JP)) 25 July 2001 (2001-07-25)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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G document member of the same patent family

Date of the actual completion of the international search

16 August 2004

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26/08/2004

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003059172	A1	27-03-2003	DE 10147809 A1 JP 2003121696 A	30-04-2003 23-04-2003
US 2002025125	A1	28-02-2002	AU 6104101 A EP 1299758 A1 WO 0181965 A1 US 2002031313 A1 AU 5376001 A WO 0182374 A1 US 2002025099 A1	07-11-2001 09-04-2003 01-11-2001 14-03-2002 07-11-2001 01-11-2001 28-02-2002
EP 0602726	A	22-06-1994	NL 9202173 A AU 661930 B2 AU 5221693 A CA 2111151 A1 CN 1089761 A DE 69317374 D1 DE 69317374 T2 EP 0602726 A1 JP 8211246 A US 5390268 A	18-07-1994 10-08-1995 07-07-1994 17-06-1994 20-07-1994 16-04-1998 02-07-1998 22-06-1994 20-08-1996 14-02-1995
EP 0729045	A	28-08-1996	NL 9500328 A DE 69627739 D1 DE 69627739 T2 EP 0729045 A1 US 5608836 A	01-10-1996 05-06-2003 29-01-2004 28-08-1996 04-03-1997
EP 1118892	A	25-07-2001	EP 1118892 A1 US 6632023 B1 CN 1311867 T WO 0008503 A1	25-07-2001 14-10-2003 05-09-2001 17-02-2000